

CASS COUNTY: Key Data Points

- Cass County witnessed 6 infant deaths, 4 of them were neonatal.
- The percentage of women who utilized prenatal care during the first trimester of pregnancy was lower than the state of Indiana overall, 76.1% versus 80.6% respectively.
- Fewer women are breastfeeding upon discharge in Cass county than the state of Indiana, 60.9% versus 63.2% respectively
- Cass county observed 16 accidental deaths (4 of which were motor vehicle), 3 suicidal deaths, and 1 homicide

Note: All figures relate to 2003 data from the Indiana State Department of Health, unless otherwise specified

Figure 1: Births

	Total		White		Black		Other	
	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*
Cass County	570	14.1	557	14.2	6	9.9(U)	7	10.8(U)
INDIANA	87,125	14.0	75,680	13.7	9,582	17.5	1,863	11.7

* births per 1,000 population; U = unstable rate, based on fewer than 20 births

Figure 2: Infant Mortality

		NUMBER				RATE*		
COUNTY OF RESIDENCE	REPORTED RACE/ETHNICITY	Live Births	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)
CASS	All Races	570	6	4	2	**	**	**
	White	557	4	2	2	**	**	**
	Black	6	0	0	0	0.0	0.0	0.0
	Other	7	2	2	0	**	**	0.0
	Hispanic	145	1	1	0	**	**	0.0
INDIANA	All Races	87,125	702	472	230	8.1	5.4	2.6
	White	75,680	522	354	168	6.9	4.7	2.2
	Black	9,582	164	105	59	17.1	11.0	6.2
	Other	1,863	16	13	3	**	**	**
	Hispanic	7,237	65	50	15	9.0	6.9	**

*rate per 1,000 live births **Numerator is less than 20 and the rate is unstable

Figure 3: Outcome Indicators of Mother, by Race

		Birth Weight				During Pregnancy		
CASS COUNTY	Total Births	% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	% Unmarried Parents
White	557	7.7	1.1	8.6	78.1	0.5	19.9	40.0
Black	6	**	**	**	**	**	**	**
All Races	570	7.7	1.1	8.8	77.5	0.5	19.6	41.1

		Birth Weight				During Pregnancy		
INDIANA	Total Births	% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	% Unmarried Parents
All Races	87,125	8.1	1.5	10.2	79.3	0.6	18.0	38.8
White	75,680	7.4	1.3	9.9	80.8	0.6	18.8	34.4
Black	9,582	13.7	3.0	13.9	67.1	0.9	14.4	77.9

† Preterm: less than 37 weeks gestation

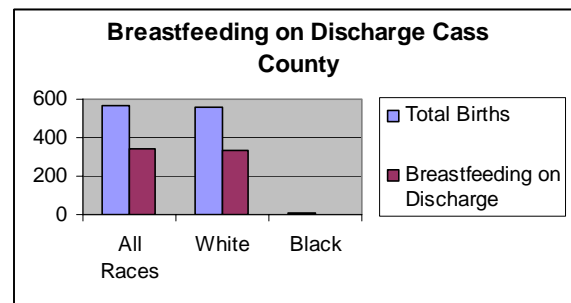
‡ PNC: Prenatal Care

'S' Significantly different than the state percent

*** Outcomes for this county are suppressed due to 20 or fewer total births

Figure 4: Breastfeeding

CASS COUNTY	All Races	White	Black
Total Births	570	557	6
Breastfeeding on Discharge	340	335	4
% Breastfeeding on Discharge	59.6	60.1	66.7



INDIANA	All Races	White	Black
Total Births	87,125	75,680	9,582
Breastfeeding on Discharge	55,556	49,825	4,269
% Breastfeeding on Discharge	63.8	65.8	44.6

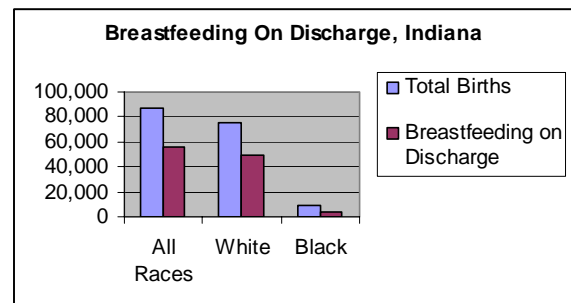


Figure 5: HIV/AIDS

	Total # of AIDS cases reported since 1982	Total # of HIV cases reported since 1985
CASS COUNTY	19	17
INDIANA	7,989	3,945

*numbers current through June 2006

Figure 6: Nutritional Risk Factors by Status,
Indiana WIC Clinics, Quarter Ending 09/30/2004

Local Agency: Indiana Health Centers, Inc. Counties Included: Howard, Cass, Grant, Hamilton, Tipton, Clinton							
Risk Factor or Status	Children 1-5 years of Age					Total	% within Agency
	White	Black	Hispanic	Asian	Other		
Overweight	112	17	71	0	4	204	4.6%
At Risk for becoming Overweight	151	23	64	0	6	244	5.5%
Local Agency: State Wide Counties Included: All							
Risk Factor or Status	Children 1-5 years of Age					Total	% within Agency
	White	Black	Hispanic	Asian	Other		
Overweight	1,732	445	800	12	97	3,086	4.8%
At Risk for becoming Overweight	2,023	485	639	11	124	3,282	5.1%

Priority Benchmarks (Cass & Indiana)			
Demographics: Percentage of population enrolled in Medicaid, Percentage of population enrolled in Food Stamps.		Cass	Indiana
1	% of Population enrolled in Medicaid as of June 2003	14	12.4
2	% of Population in Food Stamps Program, 2005	7.8	9.0
Priority #1 (pregnancy outcomes): Average Infant Mortality Rate, Average Fetal death Rate		Cass	Indiana
1	Av Total Infant Death Rate (1995-2004)	7.8	7.9
2	Average Fetal Death Rate (1995-2004)	7.0	6.6
Priority #2 (reduce barriers): Health Professional Shortage Areas, Percentage of women with prenatal care in first trimester		Cass	Indiana
1	Scores for Primary Care Health Professional Shortage Areas (HPSAs) (2006)	No Score	NA
2	% PNC 1st Trimester†, 2004	77.5	79.3
Priority #4 (environmental): Prevalence of asthma, Childhood lead poisoning		Cass	Indiana
1	Prevalence of Asthma in a Medicaid Cohort of Children age 0-17 years, 2003	8.6	10.4
2	%Estimated Lead Blood Levels (%EBLL) for Children under 6 years old FY 2005-2006	2.42	2.42
Priority #5 (tobacco): Percentage of mothers who smoked during pregnancy, Percentage of Adult Smoking		Cass	Indiana
1	% of mothers Smoked During Pregnancy, 2004	19.6	18.0
2	% of Adult Smoking in 2003	30.6	29.3
Priority #7 (adolescent risk behaviors): Adolescent deaths due to motor vehicle accidents, Chlamydia rates (ages 15-24).		Cass	Indiana
1	Number of Adolescent (15-24) deaths due to Motor vehicle accidents (2002-2004)	4	771
2	Chlamydia rates per 100,000 county specific population (15-24yrs of Age)	617.51	1602.35
Priority #8 (obesity): Obesity in pregnant women		Cass	Indiana
1	Number of Obese Pregnant Women In Indiana, 2004	4	2,827
Priority #9 (domestic violence, childhood injury): Child deaths due to Injury, Child abuse and neglect rates		Cass	Indiana
1	Child deaths due to Injury 1-14yrs (2002-2004)	1	279
2	Child Abuse and Neglect per 1,000 Population under age 18, 2004	14.4	13.5
Priority #10 (To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes): Percentage of Hispanic Population of any Race, LBW Disparity Ratio		Cass	Indiana
1	% of Hispanic Population of any Race, 2005	10.1	4.5
2	Low Birth Weight Disparity Ratio (B/W) (1995-2004)	0.98	1.88

Source: Data Analysis Team, ISDH; Health Resources and Service Administration; Indiana Prevention Resource Center; Data analysis team, Office of Medicaid Policy & Planning. Notes: 1. NS= Not Stable 2. NA = Not Available 3. Infant Mortality rate and

Fetal Death rate is for 1000 live births. 4. Low Birth Weight: Birth Weight Less than 2,500grams. 5. HPSA Score ranges 1 – 25. The higher the score, the higher the need. 6. EBL: Ten (10) micrograms of lead per deciliter of whole blood for one venous test; %EBL is based on screening rate of 27% Statewide, unduplicated kids 7. Obesity in Pregnant Women determined by "Concurrent Illness Obesity" checkbox on the birth certificate 8. PNC percentages are calculated using total births in each County.